



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

July 14, 2016
System No.: 1502600

Mr. Craig Gunderson, Administrative Contact
Wegis Mutual Water Company
1640 Angie Court
Bakersfield, CA 93314

**RE: Citation No. 03_12_16C_015
For Violation of Domestic Water Supply Permit Conditions and
California Code of Regulations, Title 22, Section 64469(c)**

The State Water Resources Control Board – Division of Drinking Water (Division) has issued Citation No. 03_12_16C_015 to Wegis Mutual Water Company (System) for violation of Domestic Water Supply Permit Condition No's 6 and 8, and California Code of Regulations, Title 22, Section 64469(c). The System has failed to comply with these permit conditions and regulations that require the System to reinstall the flow meter to produce accurate usage data, and to submit source water quality sampling results electronically to the Division's WQI database. The citation with an administrative penalty of \$1,500.00 is enclosed.

The System will be billed at the Division's hourly rate (currently estimated at \$153.00) for the time spent on issuing this citation. The California Health and Safety Code Section 116577 provides that a public water system must reimburse the Division for actual costs incurred by the Division for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the Division has spent approximately two hours on enforcement activities associated with this violation.

If you have any questions regarding this matter, please contact me at (559) 447-3300 or Eli McFarland at (559) 447-3317.

Sincerely,

Tricia A. Wathen, P.E.
Senior Sanitary Engineer, Visalia District
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

TAW/ETM
Enclosures: Citation No. 03_12_16C_015 & Attachments

cc: Kern County Environmental Health Department

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

Name of Public Water System: Wegis Mutual Water Company

Water System No: 1502600

Attention: Mr. Craig Gunderson

1640 Angie Court

Bakersfield, CA 93314

Issued: July 14, 2016

CITATION FOR NONCOMPLIANCE
FOR VIOLATION OF CONDITIONS OF
DOMESTIC WATER SUPPLY PERMIT NO. 03-12-13P-003 AND
CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64469(c)
Issued on July 14, 2016

The California Health and Safety Code (hereinafter "CHSC"), Section 116650 authorizes the State Water Resources Control Board (hereinafter "State Board") to issue a citation to a public water system when the State Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

1
2 The State Board, acting by and through its Division of Drinking Water
3 (hereinafter "Division") and the Deputy Director for the Division, hereby
4 issues this citation pursuant to Section 116650 of the CHSC to the Wegis
5 Mutual Water Company (hereinafter "System") for violation of Conditions
6 No's 6 and 8 of Domestic Water Supply Permit No. 03-12-13P-003 and
7 California Code of Regulations (hereinafter "CCR"), Title 22, Section
8 64469(c).

9
10 A copy of the applicable permit, statutes and regulations are included in
11 Appendix 1, which is attached hereto and incorporated by reference.

12 13 **STATEMENT OF FACTS**

14 The System is classified as a community water system with a population of
15 51, serving 23 connections.

16
17 On December 17, 2015, the Division issued a Sanitary Survey Report
18 (hereinafter "Report") to the System with eleven (11) directives with a March
19 1, 2016 deadline resulting from a November 19, 2015 Sanitary Survey. The
20 Sanitary Survey included verification that the System was complying with
21 the current Domestic Water Supply Permit including all permit conditions.
22 The Report identified a total of eleven (11) deficiencies which included two
23 (2) that were not in compliance with permit conditions, No's 6 and 8.

24
25 The System operates under Domestic Water Supply Permit No. 03-12-13P-
26 003 which list ten (10) permit conditions that were issued to the System on
27 February 5, 2013. Two of the conditions, No. 6 and 8, are relevant to this
28 Citation. Permit Condition No. 6 required the System to install a flow meter

1 by June 1, 2013, to produce and record accurate usage data and submit the
2 accurate data to the Division in the Electronic Annual Report (EAR). Permit
3 Condition No. 8 requires the System to submit all source water quality
4 sampling results electronically to the Division by the analyzing laboratory
5 using the assigned Primary Station (PS) Codes.

6
7 The Division's onsite Sanitary Survey visually identified potential flow meter
8 installation deficiencies that did not appear to meet minimum manufacturer
9 installation requirements. This was later verified through the meter
10 manufacturer (Badger) User Manual and further confirmed by Division
11 usage calculations per service connection that were based on System
12 submitted production data in the EAR's. The usage calculations were
13 documented in the Report and the Report Directive No. 2 required the
14 System to reinstall the flow meter per manufacture instructions so the flow
15 meter will produce accurate usage data.

16
17 The Report also documents that the System failed to consistently submit
18 water quality sampling results electronically since 2012 to the Division's WQI
19 database as required in Permit Condition No. 8 and as required in CCR,
20 Title 22, Section 64469(c). The previous Sanitary Survey conducted on
21 November 13, 2012, stated that the operation and oversight of the public
22 water system is not adequate, and required monitoring and reports must be
23 submitted to the Division. Therefore, the Report issued Directive No's 5, 6,
24 7, 8, and 9 which require the System to conduct water quality sampling and
25 submit all results electronically to the Division's WQI database.

26
27 On February 26, 2016, the Division received a faxed response letter from
28 Mr. Craig Gunderson, System Administrative Contact and System

1 Designated Distribution Operator, that responded to the eleven directives in
2 the Sanitary Survey Report. This correspondence is attached for reference
3 (Appendix 3). Mr. Gunderson stated that the System will not reinstall the
4 flow meter per manufacturer instructions and has also failed to have any
5 water quality samplings uploaded electronically by the System's analyzing
6 laboratory.

7
8 After several failed attempts to contact Mr. Gunderson by phone and email
9 the Division responded by letter (hereinafter "Letter") on April 19, 2016 to
10 Mr. Gunderson regarding the issued Report directives and provided revised
11 deadlines to complete the directives. The Letter provided warning and
12 notification that citations with fines would follow if not complied with. The
13 Division did not receive any communication from Mr. Gunderson or the
14 System by the revised directive deadline, June 1, 2016. On June 2, 2016,
15 the Division sent Mr. Gunderson an email requesting a status update and
16 reason why the directives had not been complied with. Three emails were
17 exchanged with Mr. Gunderson on June 2, 2016, without an explanation or
18 acceptable response why the directives had not been complied with. The
19 Division has not received any further communication from the System and
20 the directives remain past due.

21 22 **DETERMINATION**

23 Condition No. 06 of Permit No. 03-12-13P-003 states that the System shall
24 install a flow meter on Well No. 01 and record production from the well on a
25 monthly basis and keep the information on file. The data obtained shall be
26 used for reporting accurate usage information to the Division in the annual
27 report. Since the flow meter was not installed per manufacturer installation

1 requirements, the flow meter does not currently produce accurate usage
2 data.

3
4 Condition No. 8 of Permit No. 03-12-13P-003 states that the System shall
5 conduct source water quality monitoring in accordance with the Water
6 Quality Monitoring Schedule and that all source chemical water quality
7 monitoring shall be reported to the Division electronically by the analyzing
8 laboratory using the assigned Primary Station (PS) codes.

9
10 CCR, Title 22, Section 64469(c) states that analytical results shall be
11 reported to the State Board electronically using the Electronic Deliverable
12 Format as defined in The Electronic Deliverable Format [EDF] Version 1.2i
13 Guidelines & Restrictions dated April 2001 and Data Dictionary dated April
14 2001.

15
16 Based on the above Statement of Facts, the Division has determined that
17 the System has violated Condition No's 6 and 8 of Domestic Water Supply
18 Permit No. 03-12-13P-003 and CCR, Title 22, Section 64469(c).

19
20 **PENALTY PURSANT TO HEALTH AND SAFETY CODE SECTION 116650**

21 The State Board hereby assesses upon the System an administrative
22 penalty in the amount of **\$1,500.00**. The System is directed to pay this
23 penalty in accordance with the requirements set forth in Directive 3 of this
24 Citation.

25
26 **DIRECTIVES**

27 The System is hereby directed to take the following actions:
28

- 1 1. Comply with Permit Condition No. 6 and Sanitary Survey Report
2 Directive No. 2 by reinstalling the flow meter per manufacture's
3 installation requirements to ensure accurate usage data meter
4 readings.
- 5
- 6 2. Comply with Permit Condition No. 8 and CCR, Title 22, Section
7 64469(c), in all future monitoring periods by ensuring the System's
8 analyzing laboratory submit all outstanding and future water quality
9 sampling results electronically to the Division's WQI database.
- 10
- 11 3. Submit to the State Board by October 11, 2016, a check for the
12 administrative penalty of **\$1,500.00** imposed by this Citation and a
13 copy of the form which is attached as Appendix 2, hereto entitled
14 "Notice of Administrative Penalty." The Citation number shall be
15 written on the check. The check shall be made payable to the **State**
16 **Water Resources Control Board** and submitted to:

17
18 SWRCB Accounting Office
19 ATTN: Drinking Water Program Fees
20 P.O. Box 1888
21 Sacramento, CA 95812-1888
22

23 **If the System complies with the Permit Conditions and Sanitary**
24 **Survey Report directives before the payment becomes due, and**
25 **upon a written request from the System, the Division will *consider*,**
26 **at its sole discretion, terminating the requirement to pay the**
27 **penalty.**

28
29 All submittals required by this Citation, other than the payment of the
30 penalty, shall be submitted to the Division at the following address:

Tricia A. Wathen, P.E.
State Water Resources Control Board
Senior Sanitary Engineer – Visalia District
265 W. Bullard Ave. Suite 101
Fresno, CA 93704

The State Board reserves the right to make such modifications to this Citation as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

Nothing in this Citation relieves the System of its obligation to meet the requirements of the California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued or adopted thereunder.

PARTIES BOUND

This Citation shall apply to and be binding upon the System, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The directives of this Citation are severable, and the System shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

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Date

7-14-2016



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1. Applicable Permit, Statutes and Regulations
2. Notice of Administrative Penalty Form
3. Correspondence

Certified Mail No. 7015 1660 0000 0781 9739

APPENDIX 1. APPLICABLE PERMIT, STATUTES AND REGULATIONS FOR

Violations of Permit Condition's No. 6, 8, and CCR, Title 22, Section 64469(c)

California Health and Safety Code (CHSC):

Section 116271 states in relevant part:

(a) The State Water Resources Control Board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The State Water Resources Control Board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the State Water Resources Control Board shall refer to the State Water Resources Control Board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

- (k) (1) The State Water Resources Control Board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.
- (2) The deputy director is delegated the State Water Resources Control Board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken, but are not subject to reconsideration, by the State Water Resources Control Board. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the State Water Resources Control Board, but any aggrieved person may petition the State Water Resources Control Board for reconsideration of the decision or action. This subdivision is not a limitation on the State Water Resources Control Board's authority to delegate any other powers and duties.

Section 116650 states in relevant part:

(a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The department may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

California Code of Regulations, Title 22 (CCR):

Section 64421 (General Requirements) states:

Section 64469 (Reporting Requirements) states in relevant part:

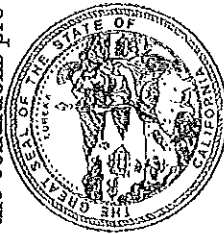
- (c) Analytical results shall be reported to the State Board electronically using the Electronic Deliverable Format as defined in The Electronic Deliverable Format [EDF] Version 1.2i Guidelines & Restrictions dated April 2001 and Data Dictionary dated April 2001.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

Certificate of Issuance
OF A
WATER SUPPLY PERMIT

TO
Wegis Mutual Water Company
Water System

This is to certify that a water supply permit 03-12-13P-003 has been issued to Wegis Mutual Water Company Water System on February 5, 2013, to supply water for domestic purposes to the Wegis Mutual Water Company Water System. The permit was issued by the Department of Public Health, pursuant to the provisions of Division 104, Part 12, Chapter 4, Article 7, of the California Health and Safety Code. The permit is subject to the requirements of Title 22, California Code of Regulations, and to the conditions provided in the water supply permit.



A copy of the water supply permit is on file with the Wegis Mutual Water Company Water System or may be obtained by contacting the Visalia District Office of the Department of Public Health, Drinking Water Field Operations Branch, 265 W. Bullard Ave., Ste. 101, Fresno, CA 93704

Tricia A. Wathen

Tricia A. Wathen, P.E., Visalia District Senior Sanitary Engineer

STATE OF CALIFORNIA

DOMESTIC WATER SUPPLY PERMIT

Issued to

Wegis Mutual Water Company

For the Operation of the

Wegis Mutual Water Company

Water System No. 1502600



By the

California Department of Public Health
Division of Drinking Water & Environmental Management

PERMIT NUMBER: 03-12-13P-003

DATE: February 5, 2013

WHEREAS:

1. The public water system is known as the Wegis Mutual Water Company, whose mailing address is: 1640 Angie Court, Bakersfield, CA 93314.
2. The legal owners of the Wegis Mutual Water Company are the shareholders of the Wegis Mutual Water Company and are responsible for compliance with all statutory and regulatory drinking water requirements and the conditions set forth in this permit.
3. This permit is being issued to Wegis Mutual Water Company for the purpose of providing an updated permit reflecting the current operations of the Water System under the regulations of the State of California Health and Safety Code and due to the change in jurisdictional oversight from the Kern County Environmental Health Services Department to the California Department of Public Health.
4. The public water system is described briefly below (a more detailed description of the permitted system is described in the attached Permit/Inspection Report):

The Wegis Mutual Water Company uses groundwater from one well. The well pumps into two storage tanks and then the water is boosted through a hydropneumatic tank and into the distribution system.

And WHEREAS:

1. The California Department of Public Health has evaluated all of the information submitted by the Water System and has conducted a physical investigation of the Wegis Mutual Water Company.
2. The California Department of Public Health has the authority to issue domestic water supply permits pursuant to Health and Safety Code Section 116540.

THEREFORE: The California Department of Public Health has determined the following:

1. The Wegis Mutual Water Company meets the criteria for and is hereby classified as a community water system.

WEGIS MUTUAL WATER COMPANY IS HEREBY ISSUED THIS DOMESTIC WATER SUPPLY PERMIT TO OPERATE THE WEGIS MUTUAL WATER COMPANY.

The Wegis Mutual Water Company shall comply with the following permit conditions:

1. Wegis Mutual Water Company shall comply with all the requirements set forth in the California Safe Drinking Water Act, California Health and Safety Code and any regulations, standards or orders adopted there under.
2. The only approved sources of domestic water supply for the Water System are listed in Table 1:

Table 1. Approved Sources

Source	Assigned Primary Station Code (P.S. Code)	Status
Well No. 1	1502600-001	Active

3. No other sources shall be used by the Wegis Mutual Water Company and no changes, additions, or modifications shall be made to the sources or treatment unless an amended water permit has first been obtained from the Department.
4. The distribution system is designated a D1 system and requires oversight from a certified D1 distribution operator.

5. By **March 1, 2013**, the Water System shall submit a bacteriological sample siting plan that includes Well No. 1 as a repeat sample site for monitoring whenever a routine distribution sample is found positive for total coliform bacteria. The sample siting plan shall include a system map that illustrates the locations of the routine and repeat sample sites.
6. By **June 1, 2013** the Water System shall install a flow meter on Well No. 1 and record production from the well on a monthly basis and keep the information on file. The data obtained shall be used for reporting accurate usage information to the Department in the annual report.
7. The Water System shall conduct the next round of lead and copper monitoring with the collection of first flush samples at 5 sites during Summer 2013 (June, July, August, or September).
8. By **September 30, 2013** the Water System shall conduct source water quality monitoring in accordance with the Water Quality Monitoring Schedule in Appendix A. All source chemical water quality monitoring shall be reported to the Department electronically by the analyzing laboratory using the assigned primary station codes listed in Item No. 2.
9. The Water System shall collect monthly total coliform samples from the well for 6 consecutive months. The sample results shall be submitted by the 10th day of the month following the sampling. If the result is reported as presence/absence, any follow-up samples must be analyzed using a density method with the results reported as MPN/100ml.
10. The Water System is required to submit an Electronic Annual Report to the Drinking Water Program. By March 31, 2013 the Water System shall submit a 2012 Electronic Annual Report.

This permit supersedes all previous domestic water supply permits issued for this public water system and shall remain in effect unless and until it is amended, revised, reissued, or declared to be null and void by the California Department of Public Health. This permit is non-transferable. Should the Wegis Mutual Water Company undergo a change of ownership, the new owner must apply for and receive a new domestic water supply permit.

Any change in the source of water for the water system, any addition of treatment, or any addition of distribution system storage reservoirs shall not be made unless an application for such change is submitted to the California Department of Public Health.

This permit shall be effective as of the date shown below.

FOR THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

Dated:

February 5, 2013

Tricia A. Wathen

Tricia A. Wathen, P.E.
Visalia District Engineer

APPENDIX 2. NOTICE OF ADMINISTRATIVE PENALTY FORM

STATE OF CALIFORNIA
DIVISION OF DRINKING WATER

STATE WATER RESOURCES CONTROL BOARD

Notice of Administrative Penalty

System Name: Wegis Mutual Water Company

System Number: 1502600

Background

During the month of July 2016, the Division of Drinking Water issued Citation Number 03_12_16C_015 to the Wegis Mutual Water Company. The citation carried a civil penalty in the amount of **\$1,500.00**.

Method of Payment

A check for the total amount of the civil penalty and a copy of this form shall be submitted to the Division by **October 11, 2016**. The citation number shall be written on the check, the check made payable to the **State Water Resources Control Board**, and submitted to:

SWRCB Accounting Office
ATTN: Drinking Water Program Fees
P.O. Box 1888
Sacramento, CA 95812-1888

Attach check below:

APPENDIX 3. CORRESPONDENCE

Gunderson Water Care
1640 Angie Court Bakersfield, CA 93314
Tel: 661-588-5877 Cell: 661-332-1116 Fax: 661-587-5826
Wellmaster Services for Kern County
CA Water Treatment Operator #33905
CA Water Distribution Operator #40895

Fax Cover

Date: February 26, 2016

To: California Dept. Public Health
Drinking Water Field Operations Branch
Visalia District

Tel: 559-447-3300

Fax: 559-447-3304

Regarding: Wegis Mutual Water 1502600-01
1) 02/16/2016 Response to 2015 sanitary survey.

Total Documents: 3

Should the recipient of this fax not receive all the intended copies, please call Craig Gunderson at 661-332-1116.

Wegis Mutual Water Company

Dr. Craig D. Gunderson, President
1640 Angie Court
Bakersfield, CA 93314
CA Water Treatment Operator #33905
CA Water Distribution Operator #40895
661-588-5877

February 16, 2016

Tricia A Wathen, P.E.
Senior Sanitary Engineer, Visalia District
Southern California Branch
Drinking Water Field Operations
265 Bullard Avenue, Suite 101
Fresno, CA 93704

Regarding : Sanitary Survey Conducted November, 2015
System No. : 1502600

Dear Tricia A Wathen:

I am in receipt of the recommendations for corrections within the Wegis Mutual Water Company within the correspondence dated December 17, 2015.

The eleven corrections mandated by Eli McFarland during his November 11, 2015 inspections were noted and the compliance response is provided.

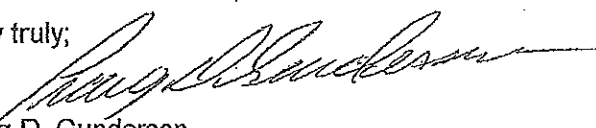
- 1) By March 1, 2016 we installed a screen on the air relief.
- 2) By March 1, 2016 Wegis MWC will not reinstall the flowmeter per manufacturer instructions. Wegis MWC has complied with LC 64561 that mandated the addition of a flowmeter by March 31, 2014. The design was reviewed and the flowmeter was recommended by the engineers at Water-Ways Irrigation who has been in the business since 1950. Because the Badger Meter #450 was best suited for the design and Water-Ways Irrigation did not handle the Badger product, I was referred to Ferguson's Water Works where their Branch Manager Jim Baize confirmed the selection and ordered the product. The installation invoice was \$4,078.90 and the flowmeter was \$1,076.71.

The calculations performed by Eli McFarland appeared to error in part because the year of 2014 measured water release was used that started in April 1, 2014 and the total users by survey total 51, not 90. It is a huge indiscretion on the part of Drinking Water Field Operations to take nine months of production and add 39 non-users and conclude that it is the fault of the flowmeter design.

- 3) By March 1, 2016 the disinfection injection check valve will be capped.
- 4) This request involves the old operative booster pump system that is currently capped at entrance and exit. There is no contamination that is confirmed by a lack of coliform contamination. The usefulness of the old 30 psi pump system is as a backup in case our pressure tank fails or boosters to the pressure tank fails. My request is that you reconsider the lack of logic behind such a request.

- 5) By March 1, 2016 the water system has to sample for the past due GM, GP, and IO chemicals and submit all sampling results to the division data base. This was done on November 3, 2015 and Eli McFarland was informed at the inspection date of November 11, 2015.
- 6) By December 31, 2015 the Water System will sample the past due nitrate as (N) and submit sampling to the data base. Nitrate as (N) was performed November 3, 2015 and measured at 1.6 mg/L.
- 7) By December 31, 2015 the Water System will sample the past due nitrite as (N) and submit sampling to the data base. Nitrite as (N) was performed November 3, 2015 and measured as non-detectable (ND).
- 8) By March 1, 2016 the Water System will sample for the past due Terachloroethylene contaminant and submit sampling to the data base. Terachloroethylene was performed November 3, 2015 and measured as non-detectable (ND).
- 9) By March 1, 2016 the Water System will sample for the past due SOC contaminants and submit sampling to the data base. SOC contaminants were tested on November 3, 2015 by Organic Analysis by Liquid Solids Extraction (EPA Method 525.2).
- 10) By March 1, 2016 the Water System will submit to the Division a completed cross-connection survey by a certified cross connection control specialist. This request is currently being planned. It may take until April 1, 2016 to complete.
- 11) By March 1, 2016 the Water System needs to provide the Division with an updated Emergency Notification Plan. The plan is on file dated March 3, 2013 and is unchanged. I will provide another at your desire.

Very truly,


Craig D. Gunderson
President
Wegis Mutual Water Company

cc: Board of Directors

cc: Eli McFarland
Eli.McFarland@Waterboards.ca.gov



State Water Resources Control Board
Division of Drinking Water

April 19, 2016
System No.: 1502600

Mr. Craig Gunderson, Board President
Wegis Mutual Water Company
1640 Angie Court
Bakersfield, CA 93314

RE: Response to Directives in November 2015 Sanitary Survey Report

Dear Mr. Gunderson:

On February 26, 2016 the State Water Resources Control Board – Division of Drinking Water (Division) received your faxed response to the directives issued in the Sanitary Survey Report (Report) conducted in November 2015. Mr. Eli McFarland, Water Resources Control Engineer, has made attempts to contact you and you have requested a written response. This letter shall serve as your written response. In the future, the Division would appreciate your cooperation in communicating with the Division verbally in addition to written communications. In the event of an emergency, the Division must be able to contact a water system representative immediately by phone. If you are not going to be the emergency contact, then the Emergency Notification Plan will need to be updated with a water system representative that will answer the Division's phone calls.

The Wegis Mutual Water Company (Water System) was issued eleven (11) directives that are required to be complied with and associated deadlines. Below is the Division's response to your response on each directive:

November 2015 Sanitary Survey Directives

1. Please email a digital picture of the completed work by October 1, 2016, screened air-relief valve vent, to the Division to document the completion of the correction. You may email the Division at the Visalia District email: dwpdist12@waterboards.ca.gov.
2. In your response, you stated that the Water System will not reinstall the flowmeter per manufacture instructions. This is not an optional directive. If the Water System fails to comply with this directive, the Division will be forced to issue citations with associated fines until the directive is complied with. The Division will also report the Water System to the State Water Board – Office of Enforcement for reporting inaccurate production data.

As the designated operator for the Water System, it is your responsibility to ensure that any work performed on the Water System is done in accordance with all water works standards, regulations, and manufacture requirements. The flowmeter was not installed correctly, and does not meet the manufacture installation requirements. As a result, the flow meter is not producing accurate results. Based on your written response, it seems you have

misunderstood the Report calculations and the Divisions conclusions. The calculations were correctly based on the **production** that was reported in the Water Systems 2014 Electronic Annual Report (EAR) which reported production from March 2014 to December 2014. The reported annual production from March 2014 to December 2014 was 404.3 in units of 100 Cubic Feet. The conversion to gallons is a multiple of 7.4805 gallons/cubic feet. Therefore, the reported 2014 annual production (March to December) was 302,436.6 gallons for 23 service connections. The Division used 308 days (March to December) to calculate the Average Day Demand for the Water System. The number of service connections (23) was used to determine the Average Day Demand per service connection (not per person).

$$AverageDay(gpd) = \frac{302,437(gallons)}{308(days)} = 981.9gpd$$

$$AverageDay(gpd)perServiceConnection = \frac{981.9(gpd)}{23(ServiceConnections)} = 42.7gpd / SC$$

Hopefully, you now correctly understand the Report's calculations and the logic for determining that the Water System's flow meter is inaccurately recording the flow. Forty-three (43) gallons per day per service connection is extremely unlikely with 2.5 acre lots and a population of 51 persons. The recently submitted 2015 EAR reported production values continue to confirm this analysis. This is likely due to the improper installation configuration of the flow meter. Hence, the reason the Division directed the Water System to reinstall the flow meter to manufactures requirements. Assuming the flowmeter is not damaged, a reconfiguration of the piping and fittings (according to the manufactures requirements) is all that is required. **By June 1, 2016 email a digital picture of the completed work to the Division via the Visalia District email. Failure to comply by this deadline will result in a citation with fine and the Water System will be reported to the State Water Resources Control Board – Office of Enforcement.**

Note: The Water Systems population was never used in the calculations to determine the accuracy of the systems flowmeter and reported production values. The total population listed in the November 2015 Sanitary Survey was 90 persons. This value is currently in the Division's electronic database. However, the 2014 EAR reported a total population of 75.9 persons. Both of these numbers appear to be inaccurate according to your comments in the February 2016 faxed letter. The Division assumes you conducted a survey and determined there are a total of 51 persons. The Division will update their records to accurately account for this updated information. Please insure that the submitted 2015 EAR correctly reports the updated population of the Water System.

3. Please email a digital picture of the completed work by October 1, 2016, capped disinfection injection check valve, to the Division to document the completion of the correction.
4. It is the Divisions practice to direct water systems to abandon non-operating facilities with no future plans of use. This was conveyed to Mr. McFarland during the sanitary survey. However, it seems that you wish to keep the pumps as a backup. At this point, it is acceptable to the Division. The valves and pumps should be exercised annually to ensure operation when needed.

5. Directives 5 through 9 all relate to water quality sampling results. The Water System is required per Title 22, California Code of Regulations, §64469(c) to report all analytical results electronically to the Division's database. As noted in the Report, the Water System has historically failed to comply with this requirement. It is the Water System's responsibility to ensure their lab submits all water quality sample results electronically to the Division's WQI database. A copy of the current database last sample and next due still shows many past due contaminants. The monitoring schedule report is attached for reference. By June 1, 2016, the Water System shall ensure that all past due water quality sampling have been conducted and submitted electronically to the Division's WQI database. Failure to comply by this deadline will result in a monitoring and reporting violation.
6. Submit the completed cross-connection survey by a certified specialist by June 1, 2016. The Water System may contact the Kern County Environmental Health Department that offers public water systems a very economical cross-connection control program including inspection services. David Wasserman oversees their program. His phone number is (661) 862-8699.
7. Submit the current Emergency Notification Plan to the Division by June 1, 2016. As mentioned above, the listed emergency contacts for the Water System must answer the Division's phone calls.

We look forward to working with you to resolve this issue. If you have any questions regarding this letter, please contact me at (559) 447-3300 or Eli McFarland at (559) 447-7101.

Sincerely,



Tricia A. Wathen, P.E.
Senior Sanitary Engineer, Visalia District
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

TAW/EM

Enclosure: Current Wegis MWC Last Sample Date and Monitoring Schedule

cc: Kern County Environmental Health Department
Ross Schafer, Treasurer